

CORRES. CONTROL

OUTGOING LTR. NO.

DOE ORDER # 4700.1

04-RF-00904

DIST.	LTR	ENC
DIETER, T.J.		
FERRERA, D.W.	X	
LINDSAY, D.C.		
LONG, J.		
LYLE, J.L.		
MARTINEZ, L.A.		
PIZZUTO, V.M.		
SHELTON, D.C.		
SPEARS, M.S.		
TUOR, N.R.		



BEAN, C.		
BUTLER, J.L.		
DECK, C.		
FRANCIS, M.		
FREIBOTH, C.	X	X
GEIS, A.		
GIBBS, F.	X	
HUMISTON, T.		
HUNTER, D.		
KNAPP, S.		
LINSIBIGLER, H.		
MARSCHALL, J.R.		
MYERS, K.		
NESTA, S.	X	X
NORTH, K.		
OMAN, K.	X	X
PLAPPERT, R.		
PRIMROSE, A.		
RICHARDELLA, R.		
ROSENMAN, A.	X	X
SNYDER, D.P.		
SWARTZ, J.M.		
WIEMELT, K.		
SELAN, J.		
SILLS, S.		

September 1, 2004

04-RF-00904

Gary Morgan, Functional Lead
Cadre Project Management Division
DOE, RFPO

RSOP FOR FACILITY DISPOSITION NOTIFICATION LETTER FOR BUILDING 448
FEG-028-04

Attached is a draft transmittal letter to the Colorado Department of Public Health and Environment for the RSOP notification for Building 448 facility disposition. The draft transmittal letter has been prepared from DOE building point of contact to CDPHE building point of contact; however, it could also be addressed from DOE RFCA coordinator to CDPHE RFCA coordinator.

Please contact Steve Nesta X6386 with questions or concerns.

Frank E. Gibbs

Frank E. Gibbs
Deputy Project Manager
Remediation, Industrial D&D, and Site Services

Attachment:
As Stated

Orig. and 1 cc - Gary Morgan

CC:
Joe Legare

CORRES. CONTROL	X	X
ADMIN RECD/T130G	X	X
TRAFFIC		
PATS/130		

CLASSIFICATION:		
UCNI		
UNCLASSIFIED	X	X
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER

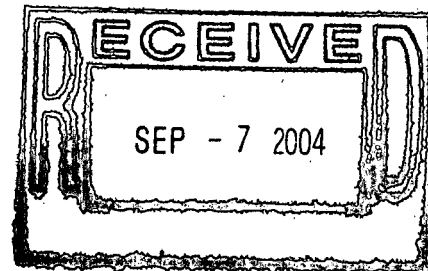
SIGNATURE: *09/01/04 CJRE73017*
Date:

IN REPLY TO RFP CC NO.:

ACTION ITEM STATUS:
☐ PARTIAL/OPEN
☐ CLOSED
LTR APPROVALS:

ORIG. & TYPIST INITIALS:
KO:pvt

RF-46469(Rev.9/94)



ADMIN RECD

Kaiser-Hill Company, L L C
Rocky Flats Environmental Technology Site, 10808 Hwy. 93 Unit B, Golden, CO 80403-8200 ♦ 303-966-7000
B444-A-000068

1/8

David Kruchek
Colorado Department of Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80222-1530

RSOP FOR FACILITY DISPOSITION NOTIFICATION LETTER FOR BUILDING 448

Mr. Kruchek:

In accordance with the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Facility Disposition, this letter and its attachments is notification for RSOP implementation. This notification is for all activities required to demolish and disposition Building 448.

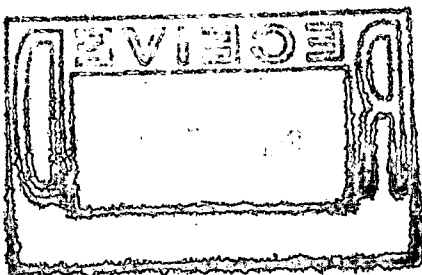
The Reconnaissance Level Characterization Report for Building 448 was submitted to CDPHE, and received official concurrence on 11/21/02. Building 448 has been determined to be a Type 2 facility due to radiological contamination in excess of the uranium DCGL_w and widespread Be contamination. A fixative has been applied to the Be remaining in the building to reduce the Be-potential for release during demolition. Building demolition debris meets the unrestricted release criteria.

This work will be conducted by Kaiser-Hill Company, L.L.C (K-H). The requirements, methods, controls, and processes outlined in the RSOP will be followed. This work will be conducted in accordance with the work control documentation prepared by K-H and its subcontractor. The exact methods and process and progress of the activities will be communicated to DOE/LRA through the consultative process. A schedule for this work is attached.

As indicated in the RSOP, the LRA has 14 days to review the RSOP notification letter and provide feedback, including a definitive reason for not proceeding with the project. If no feedback is received within 14 days, the project will proceed as planned.

If you have any questions regarding this, please contact me at (303) 966-2133.

Gary Morgan
U.S. Department of Energy



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DESCRIPTION OF PLANNED ACTIVITIES

Facility Description and Scope of Demolition

Building 448 was constructed in 1961 and was used to ship and store beryllium and uranium parts. Building 448 is a single-story 4000-sq. ft. structure added to the north side of Building 447. Building 448 is a steel framed structure built on a concrete slab. The exterior walls and roof are insulated corrugated sheet metal. In 1969 room 602 was added to Building 448 and was constructed of the same material as the original Building 448 construction.

Building 448 was serviced by the following utilities: electric, plant water, and plant steam. Fire protection was provided by overhead sprinkler system and wall mounted fire extinguishers.

Demolition of the structure will be executed by heavy equipment. The demolition equipment will begin on the south side of the building and proceed northward. All building debris, excluding the slab, will be managed as non-routine sanitary waste and disposed at an RFETS approved landfill (Front Range or BFI - Commerce City). The slab and foundation of Building 448 are to remain in place, as they are four (4) feet below final grade.

Reconnaissance Level Characterization Report (RLCR)

During the RLC, radiological survey results indicated that radiological contamination in excess of the uranium DCGL_w was present on and near the loading docks of B448. Also, surveys identified beryllium (Be) and contamination throughout the facility. The Be and uranium contaminated areas have been decontaminated and/or removed under implementation of the Facility Component Removal, Size Reduction, and Decontamination Activities RSOP. A Pre-Demolition Survey report (PDSR) has been prepared that verifies the effectiveness of the decontamination process and establishes the building as being ready for demolition. The PDSR is being submitted concurrently with this RSOP notification.

Project-specific Administrative Record File Index

Attached

Deviations or Exceptions to the to the RSOP

None

Level One Schedule for Project Implementation

Attached

Point of Contact

The principle point of contact for this project is Karl Shuler, (303) 966-3423.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 14 records in this set and a total of 524 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B444 A 000001 11/01/1998 146 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> JOHNSTON, B. MATHIS, BRIAN W. WOLTEMATH, J.	RF/RMRS-98-294 <u>Recipient(s)</u> NOT INDICATED	444 Cluster Removal Project, Project Execution Plan (PEP) Initial Issue: Hazards Reduction, Revision 0 effective December 1, 1998. The Cluster Closure Project includes complete demolition and removal of the remaining 13 facilities in the cluster. The purpose of the B444 Cluster Removal Project is to support the site mission of safely closing all facilities and operable units in a short amount of time and to reduce landlord costs. Fixed Price with Economic Price Adjustment (FPEPA)
B444 A 000004 02/18/1997 17 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> MCANDREW, WILLIAM J.	WJM-006-97 <u>Recipient(s)</u> EVANS, BEN L.	Rocky Mountain Remediation Services, L.L.C. (RMRS) transmits the Plan for Safe Shutdown of Building 444 Cluster dated February 1997, Revision 0, to Kaiser-Hill Company, L.L.C. (K-H).
B444 A 000007 03/05/2002 2 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> FREIBOTH, C. J.	N/A <u>Recipient(s)</u> HINDMAN, JAMES	Purpose of Contact: Building 444 Complex Scoping Meeting Minutes. The complex includes Buildings 427, 427A, 444, S444, 445, 447, 448, 449, 449A, 449C, S449, 450, 451, 453, 454, 455, and 457. Kaiser-Hill Company, L.L.C. (K-H) projected that Buildings 444, 447, 448, 450, 451 and 455 will be Type 2 facilities and the remainder being Type 1. The Colorado Department of Public Health and Environment (CDPHE) projects that, Building 444 and 447 might be a Type 3.
B444 A 000010 10/09/2002 1 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> LEGARE, JOSEPH A.	02-DOE-01524; 00692-RF-02 <u>Recipient(s)</u> GUNDERSON, STEVE	Forwards the attached [000014] Reconnaissance Level Characterization Report (RLCR) for Buildings 444, 445, 447, 448, 450, 451 and 455. These buildings are determined Type 2 facilities due to the moderate to mild depleted Uranium (U) and Beryllium (Be) contamination in accordance with the Decommissioning Program Plan (DPP) and this determination is submitted for Lead Regulatory Agency (LRA) concurrence.

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 14 records in this set and a total of 524 pages.

<u>Doc. No. / Date</u>	<u>Routine</u>	<u>Internal Code</u>	<u>Title / Subject</u>
B444 A 000012 11/14/2002 2 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> GUNDERSON, STEVE	00804-RF-02 <u>Recipient(s)</u> LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) has reviewed the Reconnaissance Level Characterization Report (RLCR) for the Building 444 Cluster Closure Project. Revision 0 dated September 5, 2002. In accordance with the Section 3.3.4 of the Decommissioning Program Plan (DPP), the Division concurs with the determination that Buildings 445, 448, 450, 451 and 455 are Type 2 facilities. They agree that most of Buildings 444 and 447 are Type 2, however their concurrence is subject to Divisor approval of work packages prior to conducting work and the following items are listed along with the CDPHE comments on the RLCR.
B444 A 000013 09/12/2002 1 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> FERRERA, DENNIS W.	02-RF-01958; DWF-080-02 <u>Recipient(s)</u> TOWER, STEVE	Submits the attached [000014] Reconnaissance Level Characterization Report (RLCR) 444 Cluster Closure Project, Buildings 444, 445, 447, 448, 450, 451 & 455, Revision 0 dated September 5, 2002 for review and approval.
B444 A 000014 09/05/2002 328 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> NOT INDICATED	Ref: 02-RF-01958; DWF-080-02 <u>Recipient(s)</u> DISTRIBUTION	Reconnaissance Level Characterization Report (RLCR) 444 Cluster Closure Project, Buildings 444, 445, 447, 448, 450, 451, and 455, Revision 0 September 5, 2002 [Type 2]- This report characterizes the physical, chemical and radiological hazards associated with these facilities, summarizes the characterization activities, defines the Data Quality Objectives (DQOs) developed for this characterization, and presents the data quality assessment, verification and validation of results.
B444 A 000032 01/14/2003 7 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> GIBBS, FRANK E.	03-RF-00056; FEG-002-03 <u>Recipient(s)</u> TOWER, STEVE	Encloses a draft transmittal letter to the Colorado Department of Public Health and Environment (CDPHE) for the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) Notification for Building 444 Cluster Closure Project, Buildings 444, 445, 447, 448, 450, 451, and 455 Component Removal, Size Reduction and Decontamination.

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 14 records in this set and a total of 524 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
<u>B444 A 000035</u> 01/30/2003 10 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> DISALVO, RICHARD	03-DOE-00066; 00062-RF-03 <u>Recipient(s)</u> GUNDERSON, STEVE	Forwards the enclosed Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal Notification Form for Building 444 Cluster, which includes 444, 445, 447, 448, 450, 451 and 455. This letter and its enclosures are notification for RSOP implementation.
<u>B444 A 000044</u> 03/06/2003 1 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> GUNDERSON, STEVE	00261-RF-03; Ref: 03-DOE-00066; 00062-RF-03 <u>Recipient(s)</u> DISALVO, RICHARD	The Colorado Department of Public Health and Environment (CDPHE) agrees with utilization of the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Facility Component Removal, Size Reduction, and Decontamination Activities for Buildings 444, 445, 448, 450, 451 and 455.
<u>B444 A INFO</u> 01/01/1900 1 Pages PUBLIC	YES, ROUTINE N/A <u>Author(s)</u> NOT INDICATED	<u>Recipient(s)</u> ADMINISTRATIVE RECORD	Information Only Entry: The Building 444 Cluster Closure Project involves the following buildings: 427, 444, 445, 447, 448, 449, 450, 451, 453, 454, 455, and 457. Buildings 427A and T444A were originally part of the Cluster but were previously removed. Part of all of the following Individual Hazardous Substance Sites IHSS are within the area of this Cluster: 116.1, 121, 136.2, 157.2, 189, 208, 116.2, 136.1, 147.1, 182.0, and 207. UBC-444, "Under Building Contamination Bldg. 444" is also within the area of the Cluster; there are 11 Resource Conservation Recovery Act (RCRA) Units.
<u>IA A 000683</u> 02/29/1996 8 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> LAW, JOHN E.	96-RF-01296; 96-RM-ER-031-SSOC; JEL-029-96 <u>Recipient(s)</u> PADRON, H. B.	Rocky Mountain Remediation Services, L.L.C. (RMRS) submits a Drain Identification Study Inspection of Buildings 447 and 448 Drain System to Safe Sites of Colorado, L.L.C. (SSOC).

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERYPage: 4 of 4
Report Date: 30-AUG-04

There are 14 records in this set and a total of 524 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
<u>IA</u> <u>A</u> <u>INFO</u> 02/04/2002 0 Pages PRELIM	<u>Author(s)</u>	N/A <u>Recipient(s)</u>	Information Only Entry: Property Id. 448 - Shipping and Uranium Material Storage RISS D&D 448, RISS Area: 3; Group-N/A, Cluster: 444 Facility Grouping No.: FGN-20, Facility Area: 400, Facility Type: N/A
<u>IA</u> <u>A</u> <u>INFO</u> 09/05/2002 0 Pages PUBLIC	YES, ROUTINE <u>Author(s)</u> RISS, D&D GROUP	Ref: B444-A-000014; 02-RF-01958; DWF-080-02 <u>Recipient(s)</u> DISTRIBUTION	Information Only Entry: RISS / 444 Cluster Facility Characterization Historical Site Assessment (HSA) Report, January 1, 2002 - Building 448 is a single-story structure added to the north side of Building 447. It was constructed in 1961 and was used to ship and store Beryllium and Uranium parts. In 1969, an addition was added between the original 447 and 444 to increase the storage space. Building 448 is included in Under Building Contamination UBC 447.

Activity ID	Activity Description	% Comp	Orig Dur	Rem Dur	Current Early Start	Current Early Finish	Total Float	SCH1	SCH2	SCH3	Cal ID	BLDG	FY04			
													J	J	A	S
444 Complex																
B448 - Shipping & Uranium Material Storage																
B448 Rms. (601,602)																
1EDD5636	Conduct Be PDS	100	1	0	02AUG04A	16AUG04A		X4	4481		1	448				
1EDD5356	B448 Rms - Jackhammer / Cut Joints	100	6	0	04AUG04A	09AUG04A		X4	4481		3	448				
1EDD5366	B448 Rms - Conduct Rad PDS	100	2	0	09AUG04A	12AUG04A		X4	4481		1	448				
1EDD5646	Fix checklist items from Be PDS	100	1	0	19AUG04A	19AUG04A		X4	4481		1	448				
1EDD5656	Conduct any further Be analysis	100	1	0	20AUG04A	26AUG04A		X4	4481		1	448				
1EDD5676	Prep 6-pts for CDPHE to remove upper 444 transite	100	1	0	25AUG04A	27AUG04A		X4	4481		1	448				
1EDD5666	Down-post rooms from Be controlled	100	1	0	26AUG04A	26AUG04A		X4	4481		1	448				
1EDD5686	CDPHE approves B444 upper transite removal	100	1	0	27AUG04A	27AUG04A		X4	4481		1	448				
1EDD5696	Remove 444 Upper Transite	100	1	0	30AUG04A	30AUG04A		X4	4481		1	448				
1EDD5576	Conduct ACM Agressive Air Clearance	100	0	0		22JUL04A		X4	4481		1	448				
1EDD5606	Down Post Rooms from Be regulated to Be controll	100	0	0		26JUL04A		X4	4481		1	448				
B448 Demolition																
1EDD5536	B448 - Reroute Power from East MCC	100	3	0	14AUG04A	14AUG04A		X4	4DM2		A	448				
1EDD5546	B448 - Disconnect Overhead Power	100	3	0	14AUG04A	14AUG04A		X4	4DM2		A	448				
1EDD5506	B448 - Prepare Pre-Demo Survey Report	100	2	0	18AUG04A	27AUG04A		X4	4DM2		2	448				
1EDD5626	B448 RTW Demo/Loadout	0	0	0	26AUG04*		-3	X4	4DM2		3	448				
1EDD5526	B448 - Obtain PDSR Approval	0	5	5	30AUG04*	03SEP04	427	X4	4DM2		1	448				
1EDD5556	B448 - Conduct HHR Board	0	1	1	31AUG04*	31AUG04	434	X4	4DM2		1	448				
1EDD5516	B448 - Obtain Demo Permit	0	1	1	03SEP04*	03SEP04	427	X4	4DM2		1	448				
1EDD5566	B448 - Perform Building Demo	0	4	4	07SEP04	10SEP04	476	X4	4DM2		2	448				

Start Date	01FEB99	PODC	Sheet 1 of 1		
Finish Date	27JUL06				
Data Date	26AUG04				
Run Date	01SEP04 10:48				
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